=> file casreact
FILE 'CASREACT' ENTERED AT 14:47:12 ON 17 AUG 2004

FILE CONTENT:1840 - 15 Aug 2004 VOL 141 ISS 7

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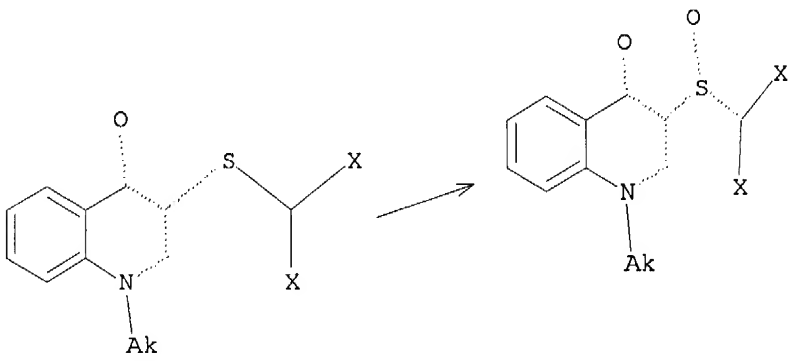
* CASREACT now has more than 8 million reactions
*
****

Some CASREACT records are derived from the ZIC/VINITI database (1974-1991) provided by InfoChem, INPI data prior to 1986, and Biotransformations database compiled under the direction of Professor Dr. Klaus Kieslich.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> d que
L1 STR



Structure attributes must be viewed using STN Express query preparation.
L3 1 SEA FILE=CASREACT SSS FUL L1 (1 REACTIONS)

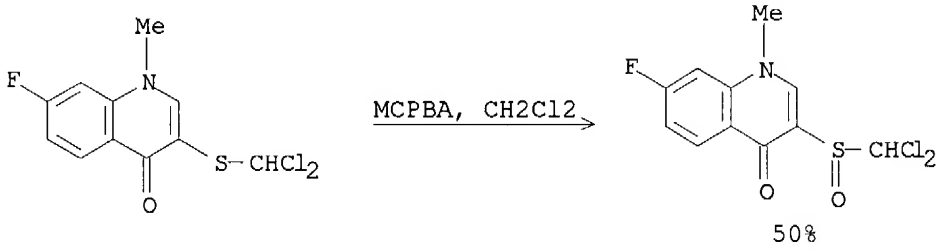
=> d l3 ibib abs fcrd

L3 ANSWER 1 OF 1 CASREACT COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 139:230629 CASREACT
TITLE: Process for the preparation of dichloroflosequinan and its inhibition of phosphodiesterases
INVENTOR(S): Kwiatkowski, Stefan; Golinski, Miroslaw
PATENT ASSIGNEE(S): R.T. Alamo Ventures I, LLC, USA
SOURCE: U.S. Pat. Appl. Publ., 13 pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 4
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2003166676	A1	20030904	US 2002-281563	20021028
US 6727262	B2	20040427		
US 2003191152	A1	20031009	US 2002-282286	20021028
PRIORITY APPLN. INFO.:			US 2002-361146P	20020301
			US 2002-360829P	20020301
			US 2002-360954P	20020301
			US 2002-361150P	20020301
			US 2002-403033P	20020813

AB In a multi-step synthesis, dichloroflosequinan is prepd. from 2-amino-4-fluorobenzoic acid and its inhibition of human phosphodiesterases is demonstrated.

RX(1) OF 28

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=> file caplus
FILE 'CAPLUS' ENTERED AT 14:48:26 ON 17 AUG 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)
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FILE COVERS 1907 - 17 Aug 2004  VOL 141 ISS 8
FILE LAST UPDATED: 16 Aug 2004  (20040816/ED)

  This file contains CAS Registry Numbers for easy and accurate
  substance identification.

=>

=> d que
L4              STR
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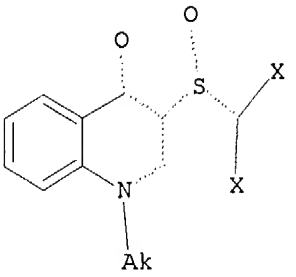


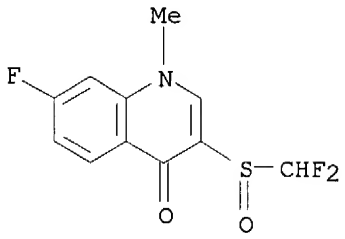
Structure attributes must be viewed using STN Express query preparation.
L6 3 SEA FILE=REGISTRY SSS FUL L4
L7 2 SEA FILE=CAPLUS L6

=> d l7 1-2 ibib abs hitstr

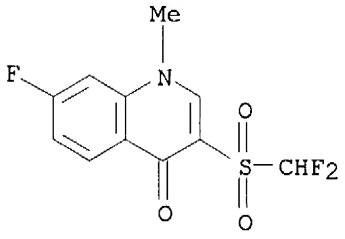
L7 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 2003:696542 CAPLUS
DOCUMENT NUMBER: 139:230632
TITLE: Process for the preparation of monofluoroflosequinan and difluoroflosequinan and their inhibition of protein serine/threonine kinase (nonselective)
INVENTOR(S): Kwiatkowski, Stefan; Golinski, Miroslaw
PATENT ASSIGNEE(S): R.T. Alamo Ventures I, LLC, USA
SOURCE: U.S. Pat. Appl. Publ., 17 pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 4
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
US 2003166679	A1	20030904	US 2002-281801		20021028
US 6767914	B2	20040727			
US 2003191152	A1	20031009	US 2002-282286		20021028
PRIORITY APPLN. INFO.:			US 2002-361150P	P	20020301
			US 2002-360829P	P	20020301
			US 2002-360954P	P	20020301
			US 2002-361146P	P	20020301
			US 2002-403033P	P	20020813

OTHER SOURCE(S): CASREACT 139:230632
AB Monofluoroflosequinan and difluoroflosequinan are prepd. and shown to inhibit protein serine/threonine kinase (nonselective).
IT **592541-79-2P**
RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent)
(process for the prepn. of monofluoroflosequinan and difluoroflosequinan and their inhibition of PDE's)
RN 592541-79-2 CAPLUS
CN 4(1H)-Quinolinone, 3-[(difluoromethyl)sulfinyl]-7-fluoro-1-methyl- (9CI) (CA INDEX NAME)



IT **592541-78-1P**
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(process for the prepn. of monofluoroflosequinan and difluoroflosequinan and their inhibition of PDE's)
RN 592541-78-1 CAPLUS
CN 4(1H)-Quinolinone, 3-[(difluoromethyl)sulfonyl]-7-fluoro-1-methyl- (9CI) (CA INDEX NAME)



L7 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 2003:696539 CAPLUS
DOCUMENT NUMBER: 139:230629
TITLE: Process for the preparation of dichloroflosequinan and its inhibition of phosphodiesterases
INVENTOR(S): Kwiatkowski, Stefan; Golinski, Miroslaw
PATENT ASSIGNEE(S): R.T. Alamo Ventures I, LLC, USA
SOURCE: U.S. Pat. Appl. Publ., 13 pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 4
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
US 2003166676	A1	20030904	US 2002-281563		20021028
US 6727262	B2	20040427			
US 2003191152	A1	20031009	US 2002-282286		20021028
PRIORITY APPLN. INFO.:			US 2002-361146P	P	20020301
			US 2002-360829P	P	20020301
			US 2002-360954P	P	20020301
			US 2002-361150P	P	20020301
			US 2002-403033P	P	20020813

OTHER SOURCE(S): CASREACT 139:230629
AB In a multi-step synthesis, dichloroflosequinan is prepd. from 2-amino-4-fluorobenzoic acid and its inhibition of human phosphodiesterases is demonstrated.
IT **592543-25-4P**

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(process for the prepn. of dichloroflosequinan and its inhibition of phosphodiesterases)

RN 592543-25-4 CAPLUS

CN 4(1H)-Quinolinone, 3-[(dichloromethyl)sulfinyl]-7-fluoro-1-methyl- (9CI) (CA INDEX NAME)